

FIG. 1

FIG. 2

User ID	User Name	Password	Client ID
User_1111	User1	aaabbbccc	123_abc
User_2222	User2	dddeeefff	456_def
User_3333	User3	ggghhhhiii	789_ghi

FIG. 3

Content Holder ID	Content Holder Name	Password
Holder_1111	C_HOLDER_1	abcrst
Holder_2222	C_HOLDER_2	defuvw
Holder_3333	C_HOLDER_3	ghixyz

FIG. 4

Content ID	Content Name	Content Holder ID	Compression Format	Distribution Method	Reproduction Time (min.)	Encrypted Content Data Size (MB)
CONT_0001	Mountains of the World	Holder_1111	MPEG-2	Unicast Distribution	60	1,500
CONT_0002	Rivers of the World	Holder_2222	MPEG-4	Multicast Distribution	15	3
CONT_0003	Forests of the World	Holder_3333	AVI	Unicast Distribution	10	180

FIG. 5A

Multicast Distribution Time	Content ID	Content Key (128bit)	Content Use Conditions
12:00	CONT_0001	0xaaaa...aaaa	Reproduction Times 3
13:00	—	—	—
14:00	CONT_0003	0xcccc...cccc	Reproduction Period 2003/01/01~2003/01/31

Additional Distribution Contents

FIG. 5B

Multicast Distribution Time	Content ID	Content Key (128bit)	Content Use Conditions
12:00	CONT_0001	0xaaaa...aaaa	Reproduction Times 3
13:00	CONT_0002	0xbbbb...bbbb	Reproduction Times 1
14:00	CONT_0003	0xcccc...cccc	Reproduction Period 2003/01/01~2003/01/31

FIG. 6

Content ID	Content Key (128 bit)	Content Use Conditions
CONT_0001	0x1111...1111	Reproduction Times 3
CONT_0002	0x2222...2222	Reproduction Period 2003/01/01~2003/01/31
CONT_0003	0x3333...3333	Reproduction Times 10

FIG. 7

Content ID	Encrypted Content Data Size (MB)	Distribution Method	Storage Place for Encrypted Content Data
CONT_0001	1,500	Unicast Distribution	C: ¥content¥cont_0001.enc
CONT_0002	3	Multicast Distribution	C: ¥content¥cont_0002.enc
CONT_0003	180	Unicast Distribution	C: ¥content¥cont_0003.enc

FIG. 8A

Content ID
Encrypted Content Data

FIG. 8B

Content ID
Content Key
Content Use Conditions
Encrypted Content Data

FIG. 9

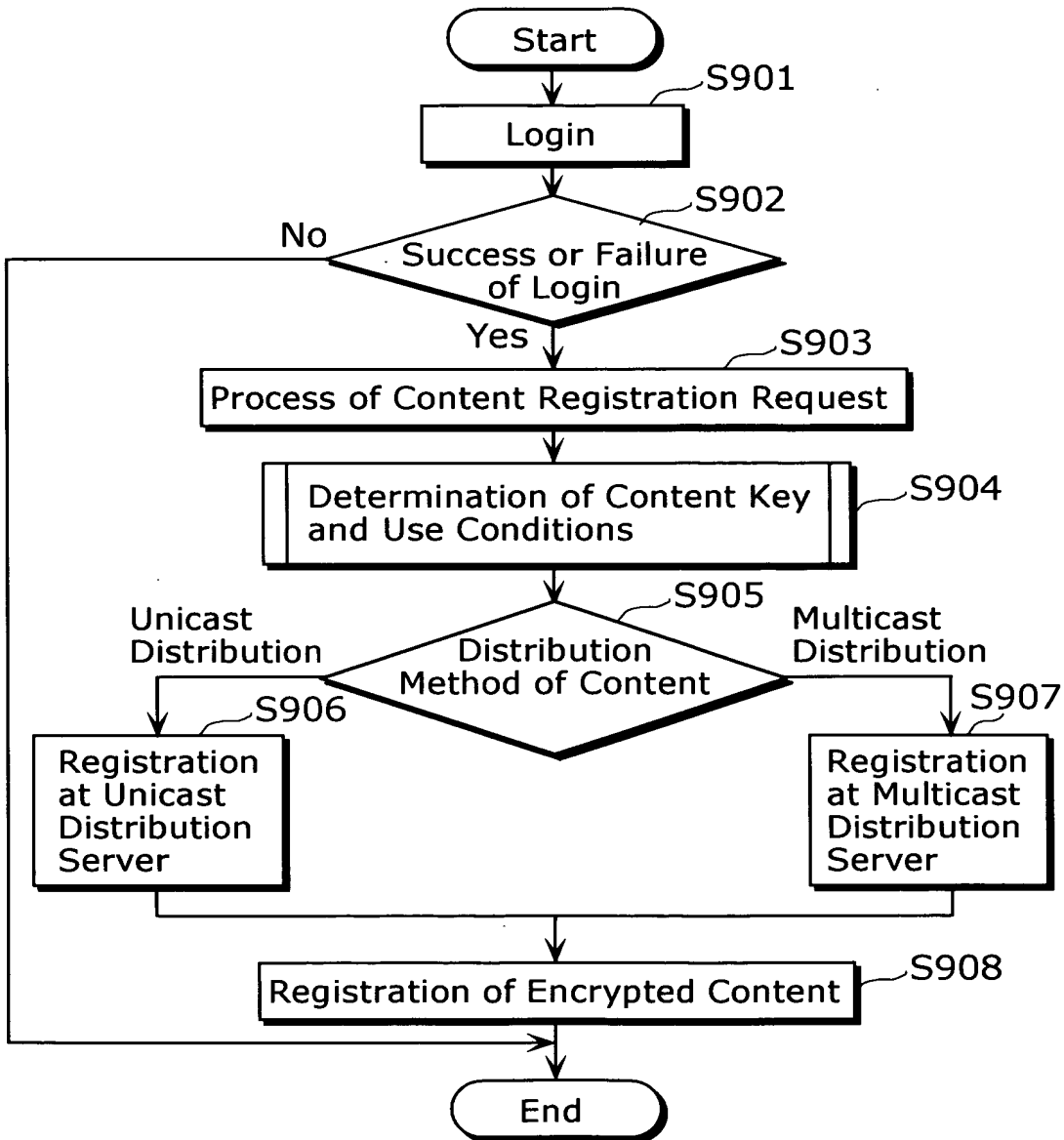


FIG. 10

Content ID	Content Name	Content Holder Name	Compression Format	Reproduction Time (Min.)	Encrypted Content Data Size (MB)
CONT_0001	Mountains of the World	CONTENTHOLDER_ABC	MPEG-2	60	1,500
CONT_0002	Rivers of the World	CONTENTHOLDER_DEF	MPEG-4	15	3
CONT_0003	Forests of the World	CONTENTHOLDER_GHI	AVI	10	180

FIG. 11

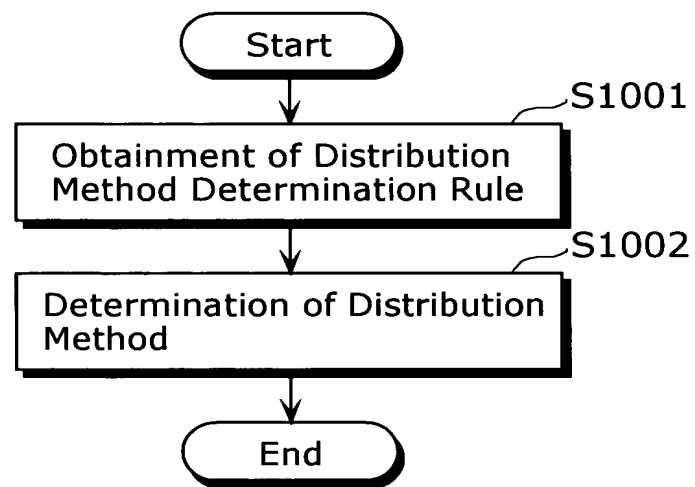


FIG. 12A

Content Compression Format	Distribution Method
MPEG-2	Unicast Distribution
MPEG-4	Multicast Distribution
AVI	Unicast Distribution

FIG. 12B

Content Holder ID	Distribution Method
Holder_1111	Unicast Distribution
Holder_2222	Multicast Distribution
Holder_3333	Unicast Distribution

FIG. 12C

Average Rate of CBR and VBR	Distribution Method
~500kbps	Multicast Distribution
500kbps~15Mbps	Unicast Distribution
15Mbps~	Unicast Distribution

FIG. 12D

Content Use Conditions	Distribution Method
Reproduction Times Unlimited	Multicast Distribution
Reproduction Times 3	Unicast Distribution
Reproduction Period 2003/01/01~2003/01/31	Unicast Distribution
Reproduction Period 2003/02/01~2003/02/28	Multicast Distribution

FIG. 13

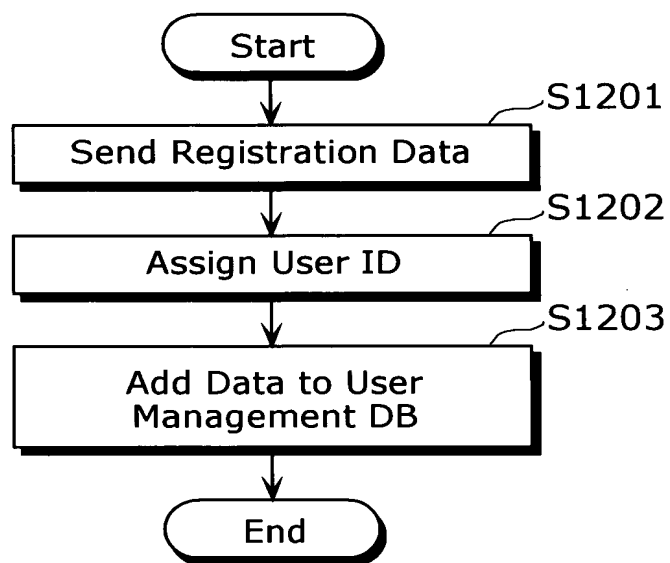


FIG. 14

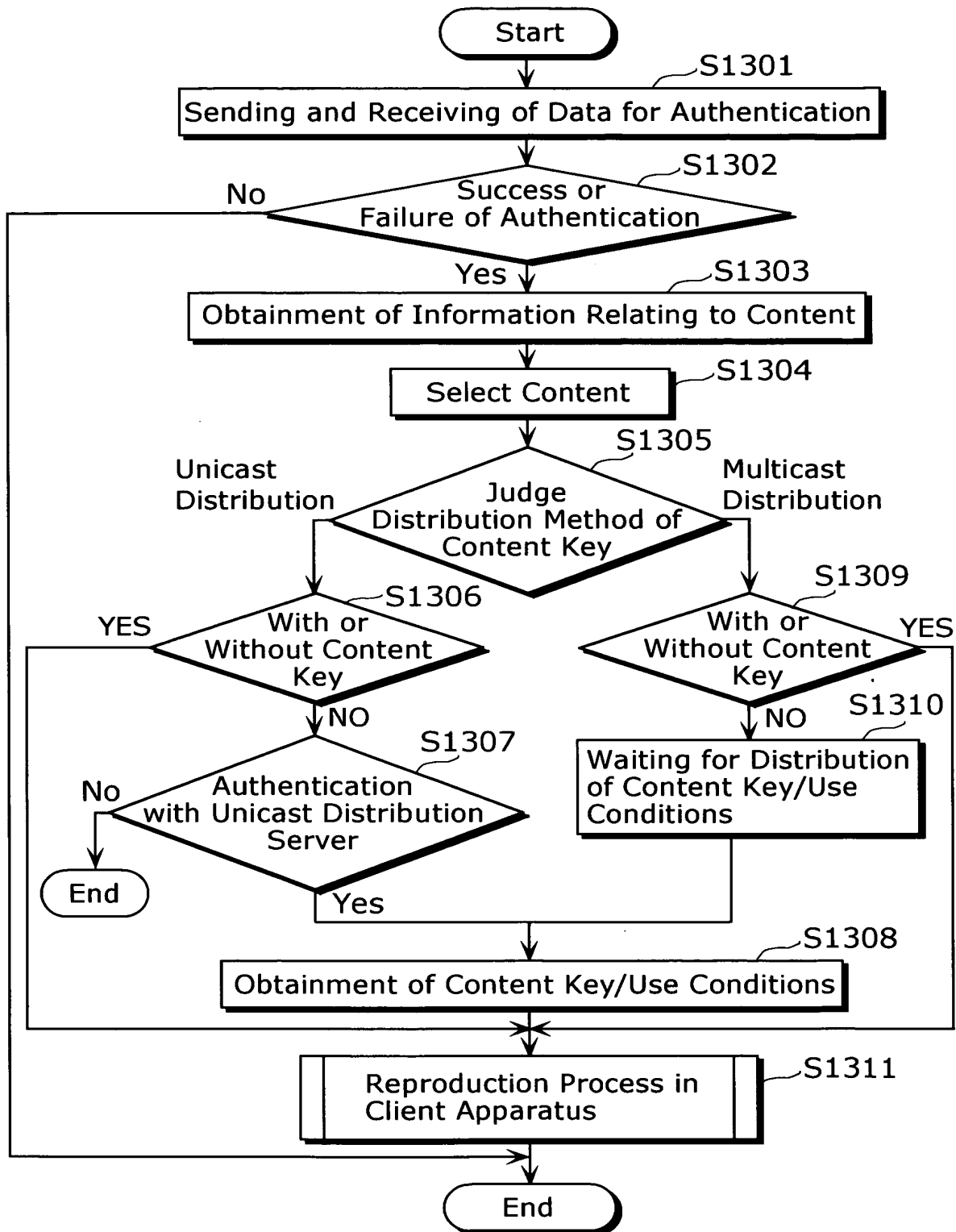


FIG. 15

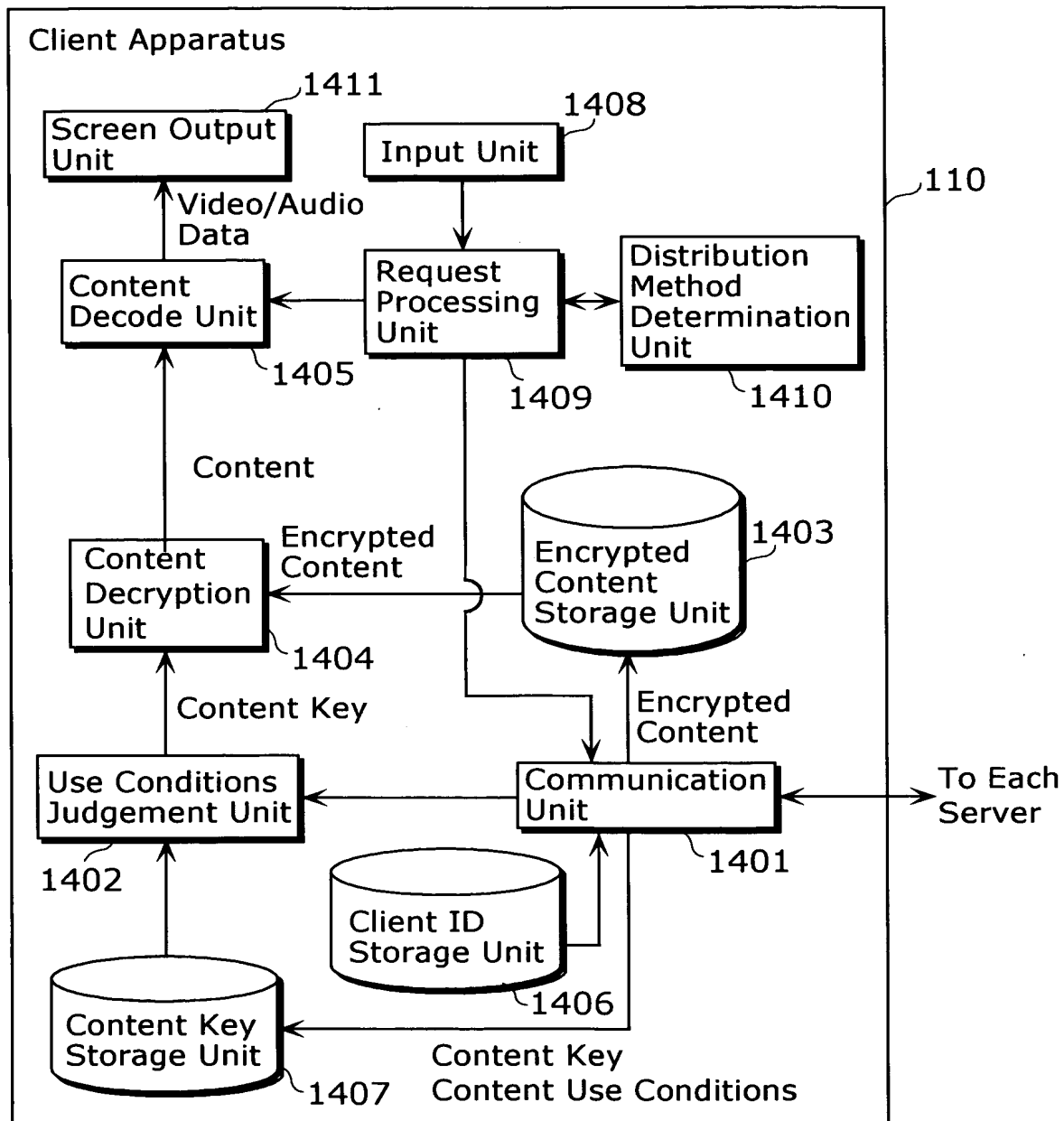


FIG. 16

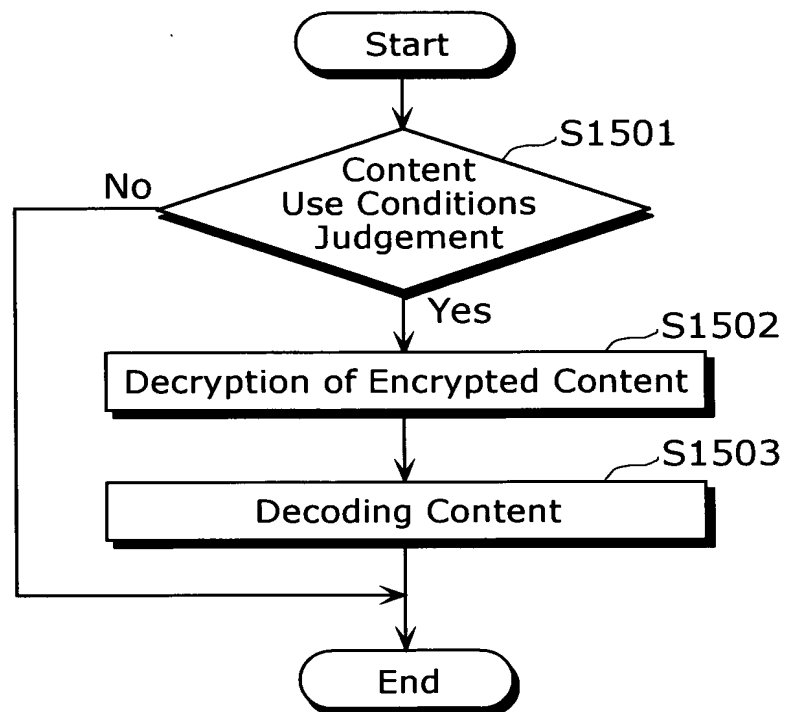


FIG. 17

Content ID
Distribution Method of Content Key/Use Conditions
Encrypted Content Data